

In re Appln. of LAWTON et al.
Serial No. 09/260,837

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8. (Once Amended) A method for registering a low-resolution thumbnail image with a document model having a plurality of data structures representative of components within a document, the method comprising the steps of:

creating a full-sized bitmap image representative of the document;
identifying coordinates within the full-sized bitmap image;
mapping selected coordinates within the full-sized bitmap image to components selected from the document model, wherein the document model comprises hierarchically related model components, and whereby hierarchically related document components are associated with corresponding hierarchically related model components; and
reducing the full-sized bitmap image into the low-resolution thumbnail image.

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14. (Once Amended) A method for retrieving information from a document represented by a thumbnail image having coordinates registered with components selected from a document model having hierarchically related model components representative of hierarchically related components of the document, the method comprising the steps of:
sensing the position of a cursor over the thumbnail image;
determining the coordinates within the thumbnail image corresponding to the sensed cursor position;
determining a component within the hierarchically related model components corresponding to the coordinates within the thumbnail image corresponding to the sensed cursor position; and
retrieving data from the document corresponding to the determined component from the document model corresponding to the determined coordinates.

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18. A computer-readable medium comprising instructions for retrieving information from a document represented by a thumbnail image having coordinates registered with components selected from a document model comprised of hierarchically related model components representative of hierarchically related components of the document, the instructions performing the steps of:
sensing the position of a cursor over the thumbnail image;
determining the coordinates within the thumbnail image corresponding to the sensed cursor position;

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determining a component within the hierarchically related model components corresponding to the coordinates within the thumbnail image corresponding to the sensed cursor position; and

retrieving information from the document corresponding to the determined component from the document model corresponding to the determined coordinates.

22. A computer-readable medium comprising instructions for registering a low-resolution thumbnail image with a document model having a plurality of data structures representative of components within a document, the instructions performing the steps of:

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identifying coordinates within a full-sized bitmap image;

mapping selected coordinates within the full-sized bitmap image to components selected from the document model, wherein the document model comprises hierarchically related model components, and whereby hierarchically related document components are associated with corresponding hierarchically related model components; and

reducing the full-sized bitmap image into the low-resolution thumbnail image.

24. (Once Amended) A hand-held computer, comprising:

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a memory adapted to store thereon a document model, representative of a document, the document model having a plurality of hierarchically related data structures representative of hierarchically related components within the document; and

a display adapted to display a thumbnail image registered with the document model and a word-at-a-time display;

wherein the thumbnail image is registered with the document model such that selected coordinates within the thumbnail image are each mapped to a data structure selected from the plurality of hierarchically related data structures; and

wherein the word-at-a-time display is adapted to display data represented by components selected from the document model in response to interaction with the thumbnail.

Please cancel claims 2 and 3.